

Serial No. 10/720,393

Docket No. K-0563

Amdt. dated **PROPOSED**

Reply to Office Action of **December 13, 2006**

Amendments to the Abstract:

~~Disclosed is an apparatus~~A system for controlling a door of a drum type washing machine ~~and method thereof. The present invention is provided. This system~~ allows the door to be opened only if there ~~exists~~is no water in the washing tub, or if the water level in the tub is very low, ~~by which water is prevented so as to prevent water in the tub~~ from cascading out of the washing machine when ~~a~~the door is opened. ~~The present invention includes the steps of sensing a~~A water level in ~~a~~the washing tub is sensed, comparing and the sensed water level is compared to a reference, ~~and locking or unlocking the door according to a result of the comparing step~~ water level. The door is locked or unlocked based on the comparison of the sensed water level and the reference water level.